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🔍 Title: **JP2000268796A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY**

🔍 Country: **JP Japan**

🔍 Kind: **A2 Document Laid open to Public inspection**

🔍 Inventor: **ASADA ATSUSHI;**

🔍 Assignee: **NIPPON SHEET GLASS CO LTD**  
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🔍 Published / Filed: **2000-09-29 / 1999-03-15**

🔍 Application Number: **JP1999000068629**

🔍 IPC Code: **H01M 2/16; H01M 10/12; H01M 10/34;**

🔍 Priority Number: **1999-03-15 JP1999000068629**

🔍 Abstract:

**PROBLEM TO BE SOLVED:** To further thin a profile and to efficiently apply to a flat plate electrode as well by enhancing density in a sealed lead-acid battery having enhanced strength against electrical short-circuiting between positive and negative electrode plates of a battery by mixing mainly a fine glass fiber with an inorganic powder and natural pulp.

**SOLUTION:** This separator is constructed of mainly a fine glass fiber and includes an inorganic powder and natural pulp beaten and decomposed. The content of the inorganic powder is 5-30 wt.%, the content of the natural pulp is 3-20 wt.% and the density is 0.165 g/cm<sup>3</sup> or more. The fine glass fiber is an acid resistant glass fiber having an average diameter of 1 μm or under.

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